

ABSTRACT OF THE DISCLOSURE

An object of the present invention is to enable adequate and reliable system management in an ophthalmic examination and treatment system composed of wireless imaging devices mounted on various ophthalmic medical instruments used for ophthalmic examination and treatment and a display device for displaying the images captured by the imaging devices. The ophthalmic examination and treatment system 1 comprises a plurality of ophthalmic medical instruments 10, 20, 30 used in ophthalmic examination and treatment, wireless imaging devices 11, 21, 31 mounted on the respective ophthalmic medical instruments, and at least one display device 2 for displaying the images captured with the imaging devices. Each imaging device comprises transmission/reception unit 12, 22, 23 for conducting transmission and reception of information data with the display device by wireless communication. Each transmission/reception unit has an inherent ID allocated correspondingly to each imaging device, transmits a data signal with an ID signal attached thereto to the transmission/reception unit 3 of the display device, and when an ID confirmation signal attached to a control signal from the transmission/reception unit of the display device and the own ID coincide, receives the control signal. The display device receives a data signal with an ID signal attached thereto from each imaging device, conducts

displaying with the data signal corresponding to the ID and enables the remote control of the imaging device corresponding to the ID by attaching the ID signal and sending the control signal.

FIG. 1

- 6 RECORDING DEVICE
- 2 DISPLAY DEVICE
- 5 CONTROL UNIT
- 7 PRINTER

FIG. 6

- 45 CHART MANAGEMENT AND CONTROL DEVICE
- 44 RECEPTION UNIT
- 48 DISPLAY UNIT
- 47 OPERATION CONTROL UNIT
- 49 DATA CONVERSION UNIT
- 51 DATA RECORDING UNIT
- 52 INFORMATION TRANSMISSION UNIT
- 53 INFORMATION PROCESSING TERMINAL
- 54 DISPLAY UNIT
- 55 OUTPUT UNIT